

NWS CHANGE FORM PART A			1. DATE SUBMITTED 3/28/00
This form is in three parts. Submitters must complete unshaded blocks in Part A and as much of Part B as possible. WSH will complete Part C (implementation details). If there is no specific required change date, enter 60 days from date submitted. Address questions to NWS Change Management at (301) 713-1373. Submit change requests to the NWSRC mailbox (External: NWSRC@noaa.gov).			
2. ORIGINATOR OFFICE APO	3. SUBMITTING AUTHORITY Name: Ward Seguin Routing Code: W/APO1	4. COGNIZANT TECHNICAL INDIVIDUAL Name: David Helms Routing Code: W/OM22 Phone: 301-713-0462, x116	5. ORIGINATOR TRACKING NUMBER
6. SYSTEMS AFFECTED BY CHANGE <div style="display: flex; justify-content: space-between;"> <div> <input type="checkbox"/> ASOS <input checked="" type="checkbox"/> AWIPS <input type="checkbox"/> CRS <input type="checkbox"/> NEXRAD <input type="checkbox"/> OTHER (specify) _____ </div> <div style="text-align: right;"> <input checked="" type="checkbox"/> DATA PRODUCTS (Complete Data Products Supplement) </div> </div>			7. WSH TRACKING NUMBER <div style="background-color: #f2f2f2; padding: 5px; text-align: center;"> NWS 570 3/29/00 </div>
8. TITLE OF CHANGE <div style="text-align: center; font-size: large;">AWIPS Software Version 4.2.X Patch for Eta 60 Hour Grids</div>			
9. TYPE OF CHANGE <input type="checkbox"/> HARDWARE <input checked="" type="checkbox"/> SOFTWARE <input type="checkbox"/> DOCUMENTATION ONLY		10. SITES AFFECTED (Attach Part B, Page 2, if needed) All CONUS and Alaska Region Sites	
11. STATEMENT OF REQUIREMENT, PROBLEM, OR DEFICIENCY OF EXISTING SYSTEM (Include problem report reference numbers.) Requirement: Give field sites with AWIPS 4.2.6 software access to the Eta 60 hour grids scheduled to be released on March 29, 2000 prior to AWIPS 4.3.1.			
12. KNOWN OR PROPOSED SOLUTION (Include source and description of new features or data products.) For those sites needing immediate access to the Eta 60 hour grids, create a script that will replace existing Eta CDL files with ones supporting the additional Eta time steps through 60 hours. Script and instal instructions would be placed on the NOAA1 server for sites to FTP and install no their data servers (ds1). SST would act as technical advisors to the field and NCF concerning this patch. DRG RC 2453 for additional Eta time steps on 1/4/00, URL: http://www.nws.noaa.gov/oso/oso1/oso11/oso112/drg/drgitem/2454doc.wpd			
13. ALTERNATE SOLUTIONS None.			
14. REQUIRED CHANGE DATE April 5, 2000	15. RATIONALE FOR REQUIRED CHANGE DATE (Include proposed priority, if known.) Date allows sufficient stability testing on NHOW testbed after the March 29, 2000 expanded grid distribution.		
CCB/PMC/CMB DECISION			
16. DECISION AUTHORITY LEVEL	<input type="checkbox"/> CCB LEVEL ONLY		<input type="checkbox"/> PMC or NWS CMB DECISION REQUIRED
17. CCB LEVEL DECISION <input type="checkbox"/> APPROVED <input type="checkbox"/> RECOMMEND APPROVAL <input type="checkbox"/> DISAPPROVED	SIGNATURE		
	DATE SIGNED		
FOR USE ONLY WHEN PMC or NWS CMB DECISION REQUIRED			
18. PMC OR NWS CMB DECISION <input type="checkbox"/> APPROVED <input type="checkbox"/> DISAPPROVED	SIGNATURE		
	DATE SIGNED		

NWS CHANGE FORM PART B		1. ORIGINATOR TRACKING NUMBER	
All RC/ECP submissions must also address the following information. Indicate if any areas are unknown or do not apply. State why information is unknown and when it will be available. Attach extra pages if necessary, referencing each applicable subject.		2. WSH TRACKING NUMBER NWS 570	
FUNDING INFORMATION			
Estimate costs and indicate known sources of funding. (Include travel time, installation time, administrative time, and software development time when applicable.)		3. SOURCE OF FUNDING	4. TOTAL COST \$
5. DEVELOPMENT COSTS (Estimate development costs)			AMOUNT
6. OPERATIONAL TEST AND EVALUATION COSTS (Estimate test and evaluation costs)			AMOUNT
7. PRODUCTION COSTS (Include acquisition, kit proofing, spares, delivery, and documentation costs)			AMOUNT
8. COMMUNICATIONS SERVICE/CIRCUITS COSTS (Include installation and recurring costs)			AMOUNT
9. IMPLEMENTATION SUPPORT COSTS (Include travel, installation, and administrative costs)			AMOUNT
9A. LIFE CYCLE SUPPORT COSTS (Less communications service/circuits)			AMOUNT
SUPPORTING INFORMATION AND SCHEDULES Provide detailed information needed to implement the requested change.			
10. DEVELOPMENT STATUS/SCHEDULE (Major milestones such as Start, Beta Test, and OT&E) a. Develop test install procedures and script: March 27-28, 2000. b. Test install procedures and system stability test on NHOW: March 29-April 3, 2000.		11. PRODUCTION STATUS/SCHEDULE (Major milestones such as Solicitation, Contract Start Date, Delivery Date, Kit Proofing, etc.) None	
12. IMPLEMENTATION/RETROFIT SCHEDULE a. Make available patch field by placing script on NOAA1: April 4, 2000		13. FACILITY INFORMATION (Attach facility drawings/plans.) None	
14. COMMUNICATIONS INSTALLED (Type required, who will order, and associated hardware required; attach Part B, Page 2, if needed.) None.		15. COMMUNICATIONS SERVICE/CIRCUITS TO BE REMOVED None	
16. REQUIRED CLEARANCES, WAIVERS, AND LICENSES (Include person or organization responsible for obtaining each)		17. COORDINATION OF CHANGE WITH OTHER CHANGES None	
18. PHYSICAL ITEMS AND DOCUMENTS AFFECTED (Include part, serial, and document numbers. Attach Part B, Page 2, if needed.) See Install script.		19. STAFF RESOURCE IMPACTS (Skills and workload impact on maintainers, operators, and managers.)	
20. LOGISTICS IMPACTS (Include facilities, maintenance, training, and support equipment impacts.) None.		21. OPERATIONAL IMPACTS (Include continuity and back up needs and plans.) None above what has been spec'd out in AWIPS 4.3.1	
22. ADDITIONAL MAJOR CHANGE ACTIVITIES (Include who will accomplish each of them and staff hours required.) 1. FSL develop install script (completed) 2. OM/SST develop and test install procedures (in progress) 3. Regional and Field Site Focal Points install script (April 4, 2000)			

NWS CHANGE FORM PART B - PHYSICAL ITEM AND DOCUMENT IMPACT MATRIX SUPPLEMENT						1. ORIGINATOR TRACKING NUMBER			
This information is required prior to publication of Engineering Modification Notes and Software Release Notes. List physical items to be replaced and specify any changes in related documentation. (Submitters should complete this information, if known. WSH will assist.)						2. WSH TRACKING NUMBER NWS 570			
3. ITEM NAME, CIRCUIT TYPE, SOFTWARE VERSION, OR SITE LOCATION	4. REMOVE REPLACE MODIFY	5. SUPERSEDED ITEM OR CONFIGURATION		6. SUPERSEDING PART NUMBER OR NEW CONFIGURATION	7. DOC TYPE	8. SUPERSEDED DOCUMENT		9. SUPERSEDING DOCUMENT	
		A. PART NUMBER OR CONFIGURATION	B. SERIAL NUMBER(S) OR COMMENTS			A. IDENTIFIER	B. REV	A. IDENTIFIER	B. REV
AWIPS Software	Modify	AWIPS 4.2.6			Install Procedures			N/A	
					Install Script			N/A	

NWS CHANGE FORM PART C		1. ORIGINATOR TRACKING NUMBER	
WSH is responsible for Part C, but submitters may complete sections that would help clarify the change requirement or the necessary implementation actions.		2. WSH TRACKING NUMBER NWS 570	
3. CCB COST EVALUATION			
NWS COST \$	FAA COST \$	DOD COST \$	OTHER AGENCY COST \$ (SPECIFY) _____
TOTAL COST \$			
4. IMPLEMENTATION DOCUMENTS REQUIRED			
<input checked="" type="checkbox"/> Engineering Modification Note <input type="checkbox"/> Software Release Notes <input type="checkbox"/> Other Document (Specify) _____			
ADDITIONAL IMPLEMENTATION INSTRUCTIONS (e.g., Implementation schedule, parts shipping instructions, equipment disposal procedures, additional documentation required, and status reporting instructions.) Include documentation, data input, notification vehicle, or specific action step required to verify completion of the implementation activity.			
5. IMPLEMENTATION ACTIVITY REQUIRED		6. REQUIRED COMPLETION DATE	7. RESPONSIBLE PERSON AND OFFICE
8. DOCUMENT OR ACTION REQUIRED TO VERIFY COMPLETION			
A. Develop install procedures and script. B. Test on NHOW - validate CDL file changes - validate purge parameters - validate install procedures C. Develop Modification Note D. Release Mod. Note / install procedures pending CCB "Fast Track" Approval E. Coordinate with NCF Staff on patch impact (disk utilization increases expected to be +300mb or about a 6% increase on the /data/fxa partition) F. Ensure the change is reported to the Weather Service Headquarters (WSH) through the Engineering Management Reporting System (EMRS) according to the instructions in the Engineering Handbook number 4, part2. Record this RC number (NWS 554) in Block 17a of the EMRS report. G. Ensure the appropriate WSH management information systems and configuration management data bases are updated to reflect these changes		29 MAR 00 29 MAR-3APR 29 MAR-3APR 29 MAR-3APR 4 APR 00 3 APR 00 6 APR 00	FSL OM/SST SST SST Finke, W/CR41x4 Machado, W/ER41x4 Garcia, W/SR41x4 Fahy, W/WR411 Peters, W/AR41 Michelle deTomasso (W/OSO113)
Install Script Inspection SST/Regional AWIPS Focal Point Email Email			

